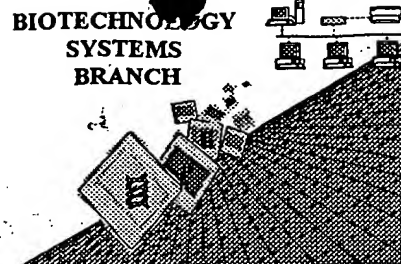


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/744,226
Source: Per/09
Date Processed by STIC: 7/6/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1107 is shown only
once, on same line as first applicant

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/744,226
DATE: 07/06/2001
TIME: 10:06:49
Input Set : A:\2534.sequencelist.txt
Output Set: N:\CRF3\07062001\I744226.raw

Does Not Comply
Corrected Diskette Needed

to extra
1107's

<110> APPLICANT: Ohara, Osamu
--> 4 <110> APPLICANT: Nagase, Takahiro
--> 5 <110> APPLICANT: Nomura, Nobuo
--> 6 <110> APPLICANT: Hinuma, Shuji
--> 7 <110> APPLICANT: Fujii, Ryo
--> 8 <110> APPLICANT: Kitahara, Osamu
--> 9 <110> APPLICANT: Mogi, Shinichi
--> 10 <120> TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use
--> 11 <130> FILE REFERENCE: 2534USOP
--> 12 <140> CURRENT APPLICATION NUMBER:
--> 13 <141> CURRENT FILING DATE: 2001-01-22
14 <150> PRIOR APPLICATION NUMBER: PCT/JP99/03909
15 <151> PRIOR FILING DATE: 1998-07-22
16 <150> PRIOR APPLICATION NUMBER: JP 10-207579
17 <151> PRIOR FILING DATE: 1998-07-23
18 <150> PRIOR APPLICATION NUMBER: JP 10-225060
19 <151> PRIOR FILING DATE: 1998-08-07
20 <150> PRIOR APPLICATION NUMBER: JP 10-284328
21 <151> PRIOR FILING DATE: 1998-10-06
22 <160> NUMBER OF SEQ ID: 6
23 <170> SOFTWARE:

pp 2, 4

BEST AVAILABLE COPY

Please ensure
all bases are
in lower-case letters
when using new
Sequence
Rules
format

ERRORD SEQUENCES

328 <210> SEQ ID NO: 3062 (p.2)
329 <211> LENGTH: 3063
330 <212> TYPE: DNA
331 <213> ORGANISM: Human
--> 332 <400> SEQUENCE: 4
--> 334 gaaggaagca aagggacaaa accacctcca gcagtttcta caaccaaatt tccacctata 60
--> 335 acaaatattt ttcccctgcc agagagattc tgtgaagcat tagactccaa ggggataaaag 120
--> 336 tggcctcaga cacaaagggg aatgatgggt gaacgaacct gccctaaggg aacaagagga 180
--> 337 actgcctcat atctctgcat gatttcact ggaacatgga accctaaggg ccccgatctt 240
--> 338 agcaactgta cctcacactg ggtgaatcag ctggctcaga agatcagaag cggagaaaat 300
--> 339 gctgctagtc ttgccaatga actggctaaa cataccaaag ggccagtgtt tgctggggat 360
--> 340 gtaagttctt cagtgaatt gatggagcag ttggtggaca tccttgatgc acagctgcag 420
--> 341 gaactgaaac ctagtgaaaa agattcagct ggacggagtt ataacaagct ccaaaaacga 480
--> 342 gagaagacat gcagggttta ccttaaggca attgttgaca cagtggacaa cttctgaga 540
--> 343 cctgaagctt tggaatcatg gaaacatatg aattottctg aacaagcaca tactgcaaca 600
--> 344 atgttactcg atacattgga agaaggagct tttgtcctag ctgacaatct tttagaacca 660
--> 345 acaagggtct caatgccac agaaaatatt gtccgtgaag ttgccgtact cagtacagaa 720
--> 346 ggacagatcc aagactttaa atttcctctg ggcatcaaag gagcaggcag ctcaatccaa 780
--> 347 ctgtccgcaa ataccgtcaa acagaacagc aggaatgggc ttgcaaagtt ggtgttcac 840
--> 348 atttaccgga gctgggaca gttccttagt acagaaaatg caaccattaa actgggtgct 900
--> 349 gattttattg gtcgtaatag caccattgca gtgaactctc acgtcatttc agtttcaatc 960
--> 350 aataaagagt ccagccgagt atacctgact gatcctgtgc tttttaccct gccacacatt 1020

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:49

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

```
--> 351 gatcctgaca attatttcaa tgcaaaactgc tccttctgga actactcaga gagaactatg 1080
--> 352 atgggatatt ggtctaccca gggctgcaag ctggttgaca ctaataaaac togaacaacg 1140
--> 353 tgtgcatgca gccacctaac caattttgca attctcatgg cccacagga aattgcata 1200
--> 354 aaagatggcg ttcattgaatt acttcttaca gtcattcacct ggggtgggaat tgcattttcc 1260
--> 355 cttgtttgcc tggctatctg catcttcacc ttctgctttt tccgtggcct acagagtgc 1320
--> 356 cgaaatacta ttcacaagaa cctttgtatc aaccttttca ttgctgaatt tattttccta 1380
--> 357 ataggcattg ataagacaaa atatgcgatt gcatgcccaa tatttgaggg acttctacac 1440
--> 358 tttttctttt tggcagcttt tgcttggtatg tgcctagaag gtgtgcagct ctacctaatg 1500
--> 359 ttagttgaag tttttgaaag tgaatattca aggaaaaaat attactatgt tgctgggtac 1560
--> 360 ttgtttctctg ccacagtggg tggagtttca gctgctattg actataagag ctatggaaca 1620
--> 361 gaaaaagctt gctggcttca tgttgataac tactttatat ggagcttcat tggacctgtt 1680
--> 362 accttcatta ttctgctaaa tattatcttc ttggtgatca cattgtgcaa aatgggtgaag 1740
--> 363 cattcaaaca ctttgaaacc agattctagc aggttggaac acattaagtc ttgggtgctt 1800
--> 364 ggcgctttcg ctcttctgtg tcttcttggc ctcacctggg cctttgggtt gctttttatt 1860
--> 365 aatgaggaga ctattgtgat ggcataatctc ttcactatat ttaatgcttt ccaggagtg 1920
--> 366 ttcattttca tctttcactg tgctctccaa aagaaagtac gaaaagaata tggcaagtgc 1980
--> 367 ttcagacact catactgtg tggaggcctc ccaactgaga gtccccacag ttcagtgaag 2040
--> 368 gcatcaacca ccagaaccag tgctcgctat tcctctggca cacagagtcg tataagaaga 2100
--> 369 atgtggaatg atactgtgag aaaacaatca gaatcttctt ttatctcagg tgacatcaat 2160
--> 370 agcacttcaa cacttaatac aggaatgact ggcaattacc tactaacaaa cctctctctt 2220
--> 371 cgacccacag gcactaaca cccctataac acattgtctg ctgaaacagt tgtatgtaat 2280
--> 372 gcccttcag ctctgtatt taactcacca ggacattcac tgaacaatgc cagggataca 2340
--> 373 agtgccatgg atactctacc gctaaatggt aattttaaca acagctactc gctgcacaag 2400
--> 374 ggtgactata atgacagcgt gcaagtgtg gactgtggac taagtctgaa tgatactgct 2460
--> 375 tttgagaaaa tgatcatttc agaattagtg cacaacaact tacggggcag cagcaagact 2520
--> 376 cacaacctcg agctcacgct accagtcaaa cctgtgattg gaggtagcag cagtgaagat 2580
--> 377 gatgctattg tggcagatgc ttcactttta atgcacagcg acaaccagcg gctggagctc 2640
--> 378 catcacaaga aactcgaggc accacttatt cctcagcgga ctactccct tctgtacca 2700
--> 379 cccagaaga aagtgaagtc cgaggggaact gacagctatg tctcccaact gacagcagag 2760
--> 380 gctgaagatc acctacagtc ccccaacaga gactctcttt atacaagcat gcccaatctt 2820
--> 381 agagactctc cctatcgga gagcagccct gacatggaag aagacctctc tccctccagg 2880
--> 382 aggagtgaga atgaggacat ttactataaa agcatgccaa atcttgagc tggccatcag 2940
--> 383 cttcagatgt gctaccagat cagcaggggc aatagtgtg gttatataat ccccataac 3000
--> 384 aaagaagggt gtattccaga aggagatgtt agagaaggac aaatgcagct ggttacaag 3060
--> 385 ctt
```

579 <210> SEQ ID NO: 6

580 <211> LENGTH: 4422

581 <212> TYPE: DNA

582 <213> ORGANISM: Human

--> 583 <400> SEQUENCE: 6

```
--> 585 atggcccgcc tagccgcagt gctctggaat ctgtgtgtca ccgcccgtct ggtcacctcg 60
--> 586 gccacccaag gctgagccg ggcggggctc ccgttcgggc tgatgcgccg ggagctggcg 120
--> 587 tgtgaaggct accccatoga gctgcggtgc cccggcagcg acgtcatcat ggtggagaat 180
--> 588 gccaactacg ggcgcacgga cgacaagatt tgcgatgctg accctttcca gatggagaat 240
--> 589 gtgcagtget acctgcggga cgccttcaag atcatgtcac agaggtgtaa caaccgcacc 300
--> 590 cagtgcgtgg tggtegcggg ctgggatgcc tttcctgacc cctgtcctgg gacctacaag 360
--> 591 tacctggagg tgcagtacga ctgtgtcccc tacaagtgg agcagaaagt cttcgtgtgc 420
--> 592 ccagggaccc tgcagaaggt gctggagccc acctcgacac acgagtcaga gcaccagtct 480
--> 593 ggcgcagtgg gcaaggaccc gctgcaggcg ggtgaccgca tctacgtgat gccctggatc 540
```

base missing
3059
3063
3062

use
lower-case
letters
for bases

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:49

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

```
--> 594 ccctaccgca cggacacact gactgagtat gcctcgtggg aggactacgt ggccgcccgc 600
--> 595 cacaccacca cctaccgcct gcccaccgc gtggatggca caggctttgt ggtctacgat 660
--> 596 ggtgccgtct tctacaacaa ggagcgacg cgcaacatcg tcaagtatga cctaccggacg 720
--> 597 cgcatcaaga gcggggagac ggtcatcaat accgccaaact accatgacac ctgcacctac 780
--> 598 cgctggggcg gaaagaccga cattgacctg gcggtggacg agaacgggct gtgggtcatc 840
--> 599 tacgccactg agggcaacaa cgggcggtcg gtggtgagcc agctgaaccc ctacacactg 900
--> 600 cgctttgagg gcacgtggga gaocgggttac gacaagcgct cggcatccaa cgccttcagt 960
--> 601 gtgtgtgggg tcctgtacgt cctgcgctcc gtgtacgtgg atgatgacag cgaggcggt 1020
--> 602 ggcaaccgcg tggactatgc cttcaacacc aatgccaaacc gcgaggagcc tgtcagcctc 1080
--> 603 accttccccca acccctacca gttcatctcc tccgttgact acaaccctcg cgacaaccag 1140
--> 604 ctgtacgtct ggaacaacta tttcgtggcg cgctacagcc tggagtccgg gccgcccagc 1200
--> 605 cccagtgtcg gccagccac tccccaccc ctacgacga ccaccacagc caggcccacg 1260
--> 606 cccctcacca gcacagcctc gcccgagcc accaccccg cccgcccggc acccctcacc 1320
--> 607 acgcaccagc tgggtgccat caaccagctg ggacctgatc tgccctccagc cacagcccca 1380
--> 608 gtccccagca cccggcgcc cccagccccg aatctacacg tgtccctga gctctctgc 1440
--> 609 gagccccgag aggtacggcg ggtccagtgg ccggccaccc agcagggcag gctggtggag 1500
--> 610 aggccttgcc ccaaggggac tcgaggaatt gcctccttc agtgtctacc agccttgggg 1560
--> 611 ctctggaacc cccggggccc tgacctcagc aactgcacct cccctgggt caaccaggtg 1620
--> 612 gccagaaga tcaagagtgg ggagaacgcg gccaacatcg ccagcgagct ggcccagac 1680
--> 613 acccggggct ccatctacgc gggggacgct tcctcctctg tgaagctgat ggagcagctg 1740
--> 614 ctggacatcc tggatgccc gctgcaggcc ctgcggccca tcgagcgca gtcagccggc 1800
--> 615 aagaactaca acaagatgca caagcgagag agaacttgta aggattatat caaggccgtg 1860
--> 616 gtggagacag tggacaatct gctccggcca gaagctctgg agtccggaa ggacatgaat 1920
--> 617 gccacggagc aggtgcacac ggccaccatg ctctcgcagc tcctggagga gggcgccctc 1980
--> 618 ctgctggccg acaatgtcag ggagcctgcc cgcttcctgg ctgccaaagg aaacgtggtc 2040
--> 619 ctggaggtca cagtccgtga cacagaggcg caggtgcagg agctggtgtt ccccaggag 2100
--> 620 gagtaccga gaaagaactc catccagctg tctgccaaaa ccatcaagca gaacagccgc 2160
--> 621 aatgggggtg tcaaagttgt cttcatctc tacaacaacc tgggcctctt cctgtccacg 2220
--> 622 gagaatgcc cagtgaagct ggccggcgaa gcaggcccg agtgccctgg gggccctct 2280
--> 623 ctagtgggtg actcacaggt catcgacga tccatcaaca aggagtccag ccgcgtcttc 2340
--> 624 ctcatggacc ctgtcatctt caccgtggcc caccgtggag acaagaacca cttcaatgt 2400
--> 625 aactgctcct tctggaacta ctggagcgt tccatgctgg gctattggtc gacccaaggc 2460
--> 626 tgccgcctgg tggagtccaa caagacccat accacgtgtg cctgcagcca cctaccaaac 2520
--> 627 ttcgctgtgc tcatggctca ccgtgagatc taccagggcc gcatcaacga gctgctgtg 2580
--> 628 tcggtcatca cctgggtggg cattgtgatc tccctggtct gcttgccat ctgcatctcc 2640
--> 629 acctctgtct tcctgcgggg gctgcagacc gaccgcaaca ccatccacaa gaacctgtgc 2700
--> 630 atcaacctct tcctggctga gctgctcttc ctggtcggga tcgacaagac tcagtatgag 2760
--> 631 attgectgcc ccatctctgc cggctcgtg cactatttct tcctggctgc cttctcctgg 2820
--> 632 ctgtgcctgg agggcggtga cctctacctg ctactagtgg aggtgtttga gagcgagtat 2880
--> 633 tcccgcacca agtactacta cctgggtggc tactgcttcc cggccctggt ggtgggcata 2940
--> 634 gcggctgcca ttgactaccg cagctacggc accgagaagg cctgctggct ccgagtggac 3000
--> 635 aattacttca tctggagttt catcgggcca gtctccttc ttatcgtggg caacctggtg 3060
--> 636 ttctcatgg tgacctgca caagatgatc cgaagctcat ctgtgctcaa gcccgactcc 3120
--> 637 agccgcctgg acaacattaa atcctggggc ctgggggcca tcgcgctgct gttcctgctg 3180
--> 638 ggcctcacct gggctttcgg cctcctcttc atcaacaagg agtcggtggg catggcctat 3240
--> 639 ctcttcacca cttcaacgc cttccagggg gtcttcatct tcgtctttca ctgcgcctta 3300
--> 640 cagaagaagg tgcacaagga gtacagcaag tgctgcgtc actcctactg ctgcatccgc 3360
--> 641 tccccacccg ggggcactca cggatccctc aagacctcag ccatgcgaag caacaccgc 3420
--> 642 tactacacag ggaccagag ccgaattcgg aggatgtgga atgacactgt gaggaacag 3480
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:49

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

```
--> 643 acggagtcct ccttcattggc gggtagacatc aacagcaccc ccaccctgaa ccgaggtacc 3540
--> 644 atggggaacc acctgctgac caaccccggtg ctgcagcccc gtggggggcac cagtccctac 3600
--> 645 aacaccctca tcgccgagtc agtggggttc aatccctcct cgtccctgtt cttcaactcc 3660
--> 646 ccagggagct accgggaacc caagcacccc ttgggaggcc gggaagcctg tggcatggac 3720
--> 647 accctgcccc tgaacggcaa cttcaataac agttactcct tgcgaagtgg ggatttccct 3780
--> 648 cccggggatg ggggcccctga gcgcgccga ggccggaacc tagccgatgc ggcggccttt 3840
--> 649 gagaagatga tcatttcaga gctgggtgac aacaacctgc gggggagcag cagcgcgccc 3900
--> 650 aaggggccctc caccgcctga gccccctgtg ccacctgtgc cagggggcgg gggcgaggaa 3960
--> 651 gaggcgggcg ggcccggggg tgctgaccgg gccgagattg aacttctcta taaggccctg 4020
--> 652 gaggagcctc tgctgctgcc ccgggcccag tcggtgctgt accagagcga tctggacgag 4080
--> 653 tcggagagct gcacggccga ggacggcgcc accagccggc ccctctctc ccctcctggc 4140
--> 654 cgggactccc tctatgccag cggggccaac ctgcgggact caccctccta cccggacagc 4200
--> 655 agccctgagg ggcccagtga ggccctgccc ccacccctc ccgcaccccc cggccccccc 4260
--> 656 gaaatctact acacctcgcg cccgccagcc ctggtggccc ggaatccctt gcagggtac 4320
--> 657 taccaggtgc ggcgtcctag ccacgagggc tacctggcag cccagggcct tgaggggcca 4380
--> 658 gggcccgatg gggacgggca gatgcagctg gtcaccagtc tc 4425
```

4422

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:50

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

```

:4 M:280 W: Numeric Identifier already exists, <110> found multiple times
:5 M:280 W: Numeric Identifier already exists, <110> found multiple times
:6 M:280 W: Numeric Identifier already exists, <110> found multiple times
:7 M:280 W: Numeric Identifier already exists, <110> found multiple times
:8 M:280 W: Numeric Identifier already exists, <110> found multiple times
:9 M:280 W: Numeric Identifier already exists, <110> found multiple times
:10 M:283 W: Missing Blank Line separator, <120> field identifier
:11 M:283 W: Missing Blank Line separator, <130> field identifier
:12 M:283 W: Missing Blank Line separator, <140> field identifier
:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
:22 M:283 W: Missing Blank Line separator, <160> field identifier
:29 M:283 W: Missing Blank Line separator, <400> field identifier
:146 M:283 W: Missing Blank Line separator, <400> field identifier
:148 M:112 C: (48) String data converted to lower case,
:149 M:112 C: (48) String data converted to lower case,
:150 M:112 C: (48) String data converted to lower case,
:151 M:112 C: (48) String data converted to lower case,
:152 M:112 C: (48) String data converted to lower case,
:153 M:112 C: (48) String data converted to lower case,
:154 M:112 C: (48) String data converted to lower case,
:155 M:112 C: (48) String data converted to lower case,
:156 M:112 C: (48) String data converted to lower case,
:157 M:112 C: (48) String data converted to lower case,
:158 M:112 C: (48) String data converted to lower case,
:159 M:112 C: (48) String data converted to lower case,
:160 M:112 C: (48) String data converted to lower case,
:161 M:112 C: (48) String data converted to lower case,
:162 M:112 C: (48) String data converted to lower case,
:163 M:112 C: (48) String data converted to lower case,
:164 M:112 C: (48) String data converted to lower case,
:165 M:112 C: (48) String data converted to lower case,
:166 M:112 C: (48) String data converted to lower case,
:167 M:112 C: (48) String data converted to lower case,
:168 M:112 C: (48) String data converted to lower case,
:169 M:112 C: (48) String data converted to lower case,
:170 M:112 C: (48) String data converted to lower case,
:171 M:112 C: (48) String data converted to lower case,
:172 M:112 C: (48) String data converted to lower case,
:173 M:112 C: (48) String data converted to lower case,
:174 M:112 C: (48) String data converted to lower case,
:175 M:112 C: (48) String data converted to lower case,
:176 M:112 C: (48) String data converted to lower case,
:177 M:112 C: (48) String data converted to lower case,
:178 M:112 C: (48) String data converted to lower case,
:179 M:112 C: (48) String data converted to lower case,
:180 M:112 C: (48) String data converted to lower case,
:181 M:112 C: (48) String data converted to lower case,
:182 M:112 C: (48) String data converted to lower case,

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:50

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

:183 M:112 C: (48) String data converted to lower case,
:184 M:112 C: (48) String data converted to lower case,
:185 M:112 C: (48) String data converted to lower case,
:186 M:112 C: (48) String data converted to lower case,
:187 M:112 C: (48) String data converted to lower case,
:188 M:112 C: (48) String data converted to lower case,
:189 M:112 C: (48) String data converted to lower case,
:190 M:112 C: (48) String data converted to lower case,
:191 M:112 C: (48) String data converted to lower case,
:197 M:283 W: Missing Blank Line separator, <400> field identifier
:332 M:283 W: Missing Blank Line separator, <400> field identifier
:334 M:112 C: (48) String data converted to lower case,
:335 M:112 C: (48) String data converted to lower case,
:336 M:112 C: (48) String data converted to lower case,
:337 M:112 C: (48) String data converted to lower case,
:338 M:112 C: (48) String data converted to lower case,
:339 M:112 C: (48) String data converted to lower case,
:340 M:112 C: (48) String data converted to lower case,
:341 M:112 C: (48) String data converted to lower case,
:342 M:112 C: (48) String data converted to lower case,
:343 M:112 C: (48) String data converted to lower case,
:344 M:112 C: (48) String data converted to lower case,
:345 M:112 C: (48) String data converted to lower case,
:346 M:112 C: (48) String data converted to lower case,
:347 M:112 C: (48) String data converted to lower case,
:348 M:112 C: (48) String data converted to lower case,
:349 M:112 C: (48) String data converted to lower case,
:350 M:112 C: (48) String data converted to lower case,
:351 M:112 C: (48) String data converted to lower case,
:352 M:112 C: (48) String data converted to lower case,
:353 M:112 C: (48) String data converted to lower case,
:354 M:112 C: (48) String data converted to lower case,
:355 M:112 C: (48) String data converted to lower case,
:356 M:112 C: (48) String data converted to lower case,
:357 M:112 C: (48) String data converted to lower case,
:358 M:112 C: (48) String data converted to lower case,
:359 M:112 C: (48) String data converted to lower case,
:360 M:112 C: (48) String data converted to lower case,
:361 M:112 C: (48) String data converted to lower case,
:362 M:112 C: (48) String data converted to lower case,
:363 M:112 C: (48) String data converted to lower case,
:364 M:112 C: (48) String data converted to lower case,
:365 M:112 C: (48) String data converted to lower case,
:366 M:112 C: (48) String data converted to lower case,
:367 M:112 C: (48) String data converted to lower case,
:368 M:112 C: (48) String data converted to lower case,
:369 M:112 C: (48) String data converted to lower case,
:370 M:112 C: (48) String data converted to lower case,
:371 M:112 C: (48) String data converted to lower case,

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:50

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

:372 M:112 C: (48) String data converted to lower case,
:373 M:112 C: (48) String data converted to lower case,
:374 M:112 C: (48) String data converted to lower case,
:375 M:112 C: (48) String data converted to lower case,
:376 M:112 C: (48) String data converted to lower case,
:377 M:112 C: (48) String data converted to lower case,
:378 M:112 C: (48) String data converted to lower case,
:379 M:112 C: (48) String data converted to lower case,
:380 M:112 C: (48) String data converted to lower case,
:381 M:112 C: (48) String data converted to lower case,
:382 M:112 C: (48) String data converted to lower case,
:383 M:112 C: (48) String data converted to lower case,
:384 M:254 E: No. of Bases conflict, LENGTH:Input:3060 Counted:3059 SEQ:4
:384 M:112 C: (48) String data converted to lower case,
:385 M:254 E: No. of Bases conflict, LENGTH:Input:3063 Counted:3062 SEQ:4
:385 M:112 C: (48) String data converted to lower case,
:385 M:252 E: No. of Seq. differs, <211>LENGTH:Input:3063 Found:3062 SEQ:4
:391 M:283 W: Missing Blank Line separator, <400> field identifier
:583 M:283 W: Missing Blank Line separator, <400> field identifier
:585 M:112 C: (48) String data converted to lower case,
:586 M:112 C: (48) String data converted to lower case,
:587 M:112 C: (48) String data converted to lower case,
:588 M:112 C: (48) String data converted to lower case,
:589 M:112 C: (48) String data converted to lower case,
:590 M:112 C: (48) String data converted to lower case,
:591 M:112 C: (48) String data converted to lower case,
:592 M:112 C: (48) String data converted to lower case,
:593 M:112 C: (48) String data converted to lower case,
:594 M:112 C: (48) String data converted to lower case,
:595 M:112 C: (48) String data converted to lower case,
:596 M:112 C: (48) String data converted to lower case,
:597 M:112 C: (48) String data converted to lower case,
:598 M:112 C: (48) String data converted to lower case,
:599 M:112 C: (48) String data converted to lower case,
:600 M:112 C: (48) String data converted to lower case,
:601 M:112 C: (48) String data converted to lower case,
:602 M:112 C: (48) String data converted to lower case,
:603 M:112 C: (48) String data converted to lower case,
:604 M:112 C: (48) String data converted to lower case,
:605 M:112 C: (48) String data converted to lower case,
:606 M:112 C: (48) String data converted to lower case,
:607 M:112 C: (48) String data converted to lower case,
:608 M:112 C: (48) String data converted to lower case,
:609 M:112 C: (48) String data converted to lower case,
:610 M:112 C: (48) String data converted to lower case,
:611 M:112 C: (48) String data converted to lower case,
:612 M:112 C: (48) String data converted to lower case,
:613 M:112 C: (48) String data converted to lower case,
:614 M:112 C: (48) String data converted to lower case,

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,226

DATE: 07/06/2001

TIME: 10:06:50

Input Set : A:\2534.sequencelist.txt

Output Set: N:\CRF3\07062001\I744226.raw

```
:615 M:112 C: (48) String data converted to lower case,
:616 M:112 C: (48) String data converted to lower case,
:617 M:112 C: (48) String data converted to lower case,
:618 M:112 C: (48) String data converted to lower case,
:619 M:112 C: (48) String data converted to lower case,
:620 M:112 C: (48) String data converted to lower case,
:621 M:112 C: (48) String data converted to lower case,
:622 M:112 C: (48) String data converted to lower case,
:623 M:112 C: (48) String data converted to lower case,
:624 M:112 C: (48) String data converted to lower case,
:625 M:112 C: (48) String data converted to lower case,
:626 M:112 C: (48) String data converted to lower case,
:627 M:112 C: (48) String data converted to lower case,
:628 M:112 C: (48) String data converted to lower case,
:629 M:112 C: (48) String data converted to lower case,
:630 M:112 C: (48) String data converted to lower case,
:631 M:112 C: (48) String data converted to lower case,
:632 M:112 C: (48) String data converted to lower case,
:633 M:112 C: (48) String data converted to lower case,
:634 M:112 C: (48) String data converted to lower case,
:635 M:112 C: (48) String data converted to lower case,
:636 M:112 C: (48) String data converted to lower case,
:637 M:112 C: (48) String data converted to lower case,
:638 M:112 C: (48) String data converted to lower case,
:639 M:112 C: (48) String data converted to lower case,
:640 M:112 C: (48) String data converted to lower case,
:641 M:112 C: (48) String data converted to lower case,
:642 M:112 C: (48) String data converted to lower case,
:643 M:112 C: (48) String data converted to lower case,
:644 M:112 C: (48) String data converted to lower case,
:645 M:112 C: (48) String data converted to lower case,
:646 M:112 C: (48) String data converted to lower case,
:647 M:112 C: (48) String data converted to lower case,
:648 M:112 C: (48) String data converted to lower case,
:649 M:112 C: (48) String data converted to lower case,
:650 M:112 C: (48) String data converted to lower case,
:651 M:112 C: (48) String data converted to lower case,
:652 M:112 C: (48) String data converted to lower case,
:653 M:112 C: (48) String data converted to lower case,
:654 M:112 C: (48) String data converted to lower case,
:655 M:112 C: (48) String data converted to lower case,
:656 M:112 C: (48) String data converted to lower case,
:657 M:112 C: (48) String data converted to lower case,
:658 M:254 E: No. of Bases conflict, LENGTH:Input:4425 Counted:4422 SEQ:6
:658 M:112 C: (48) String data converted to lower case,
```